

Designer/2000

Report : DATABASE TABLE AND INDEX SIZE ESTIMATE
Filename : e:\designer smt_calib\smtSpaceReport.pdf
Run by : CALIB_DESIGN
Report Date : 09-JUL-01
Total Pages : 51

Parameter Values

Application System : D0_CALIBRATION
Version : 2
ORACLE Database Name : %
Database User : %
Tablespace Name : %
Table Name : %
Override Create Status : No
Include Help Text : Yes
Detail Level : Database, Tables, Keys and Columns
QA Check? : Yes
Database Block Size : 2048
Initial Extent :
Next Extent :

This report gives an estimate for the space required to store the Table and Index database objects defined within the tablespaces, within the given Oracle Database name(s). The report also estimates the size of the indexes created implicitly, by the Primary Key / Unique Key definition on the tables. The names of these indexes are taken to be the same as the constraint names.

If any tables, indexes or constraints are not associated with a tablespace, the report assumes they will be created on the 'UNSPECIFIED' tablespace.

The report estimates the total database size as the combined size of the tables and indexes. Table size estimates and index size estimates are done separately, as given in the *ORACLE7 Server Administrator's Guide*. Wherever PCTFREE, INITRANS parameters and other Storage parameters have not been defined, the default value is taken*. The report does not include an estimate of the space required to store PL/SQL package codes, Snapshots or View definitions.

The report gives three size estimates:

Start size - based on the 'start rows' defined for the tables, using column average lengths and percent used to calculate the row size

End size - based on the 'end rows' defined for the tables, using column average lengths and percent used to calculate the row size

Max size - based on the 'end rows' defined for the table, but assuming every column is maximum length and present in every row.

Table Sizes are Estimated as Follows:

1) Estimate Start/End/Maximum Row size

The formulae used to estimate the Row Size is as follows:

For columns of type DATE, TIME, TIMESTAMP - start/end and maximum length is 7 bytes

For columns of type ROWID - start/end and maximum length is 6 bytes

For columns of type NUMBER, REAL, SMALLINT, DECIMAL, DOUBLE PRECISION, FLOAT, INTEGER, BINARY_INTEGER - (length/2 + 1) rounded up to nearest integer.

For start and end row size - average length is used. if average length is not specified, maximum length is used.

For maximum row size, maximum length is used.

If maximum length is null, a maximum length of 10 is assumed.

For columns of type CHAR, the maximum length is used for start/end/maximum size.

If maximum length is null, a length of 10 bytes is assumed.

For ALL OTHER DATATYPES, the length is used.

For start and end row size - average length is used. if average length is not specified, maximum length is used.

For maximum row size, maximum length is used.

If maximum length is null, a maximum length of 10 is assumed.

For start and end Row size, the value calculated is then multiplied by the initial and end percent used respectively to give start and end bytes. (If either is not specified, 50% is assumed for NULL columns; 100% for NOT NULL)

For maximum row size, it is assumed that every column is 100% used.

A column overhead of 1 byte per column is then added unless the calculated column length exceeds 250 bytes, when the row overhead is 3 bytes.

These calculated values are listed for each column as start, end and maximum bytes when detail level is set to include columns.

A row header of 3 bytes is then added to the total of all the column lengths to give the overall start/end/maximum row size.

2) Calculate Data Space Available per Block

This is done by combining two formulae:

Table Block Header = $61 + 23I + 2R$ where I=table inittrans and R=no of rows

and

Data Space = $(B - \text{Total Block Header}) - (B - 57 - 23I)P/100$ where B=blocksize
and P=pctfree

to give

Data Space = $(B-61-23I-2R) - (4+2R)P/100$

3) Calculate Table Size

No of rows per block = Data Space/rowsize

rounded down to the nearest integer (unless this would give zero, when 1 is used)

No of Blocks = No of Rows/No of Rows per block

= No of Rows * Rowsize / Data Space

Table Size = No of Blocks * Blocksize

= No of Rows * Rowsize * Blocksize / Data Space

= $R * \text{rowsize} * B / ((B-61-23I-2R) - (4+2R)P/100)$

where R = No of Rows per block

B = blocksize

I = Inittrans

P = Pctfree

4) Round table size

Table size is then rounded up to the nearest block (with a minimum of 2 blocks)

Index Sizes are Estimated as Follows:

1) Estimate Average Entry Size

The formulae used to estimate the Average Entry Size is as follows:

Calculate start/end/max bytes per column - exactly as for tables

A column overhead of 1 byte per column is then added unless the calculated average column length exceeds 128 bytes, when the row overhead is 3 bytes.

An entry header of 8 bytes is then added to the total of all the column lengths to give the overall entry size.

2) Calculate Data Space Available per Block

This is done by combining two formulae:

Index Block Header = $113 + 23I$ where I=index inittrans

and

Data Space = $(B - \text{Block Header}) - (B - \text{Block Header})P/100$ where B=blocksize
and P=pctfree

to give

Data Space = $(B-113-23I)(1-P/100)$

3) Calculate Index Size

No of entries per block = Data Space/(1.05*entry size) where the additional 5% is
used for branch blocks of
the index

rounded down to the nearest integer (or 1 if this would result in zero)

No of Blocks = No of Entries/No of entries per block
 = No of Entries * 1.05 * Entry size / Data Space

Index Size = No of Blocks * Blocksize
 = No of Entries * 1.05 * Entry size * Blocksize / Data Space
 = $R * 1.05 * \text{entry size} * B * (1-P/100) / (B-113-23I)$
 where R = No of Rows in Table
 B = blocksize
 I = Inittrans
 P = Pctfree

4) Round Index Size

Index size is then rounded up to the nearest block (with a minimum of 2 blocks)

Default Values assumed in the absence of supplied values :

Block Size - 2048
 INITTRANS - 1 for tables
 2 for Indexes
 PCTFREE - 10

For calculating Storage parameters -

INITIAL EXTENT - if a specific initial extent has been requested, this is used.
 otherwise, the initial table size is used
 initial extent is then rounded up to the next multiple of a blocksize

NEXT EXTENT - if a specific next extent has been requested, this is used.
 otherwise, the initial tablesize is used
 next extent is then rounded up to the next multiple of a blocksize

MINIMUM EXTENT - $((\text{initial tablesize} - \text{initial extent}) / \text{initial}) + 1$ extent rounded up to nearest integer

MAXIMUM EXTENT - $((\text{end tablesize} - \text{initial extent}) / \text{next extent}) + 1$ rounded up to nearest integer

%INCREASE - always set to zero

NOTE :

1) When the INIT TRANS and PCTFREE set very high, the table will not be able to store any data rows, hence in such situations, this report assumes, the average rows per block to be 1.

2) If no START ROWS and END ROWS are defined for a table or columns have not been defined, the minimum table size is assumed to be 2 blocks to account for the row headers and the block headers.

3) There may seem some discrepancy between the totals shown in the summary and the total of individual table/index sizes taken together - this is due to the fact that the rounding up of the bytes to KB or MB is done at the display time rather than at the calculation time. Note that all displayed values are rounded up to two decimal places, apart from the initial and next extent sizes which are rounded down to 2 decimal places (as Oracle automatically rounds these up to whole block sizes on creation)

.... Turn to the next page for the Database Estimate

Estimated Database Size Summary for : D00FDEV1

Initial Size : 3.06 Gb	Blocksize	: 2048
End Size : 52.85 Gb	No. of Tablespaces	: 12
Maximum Size : 53.02 Gb	No. of Tables	: 20
	No. of Keys	: 47

Space needed for Tables : Initial : 1.56 Gb End : 26.45 Gb Max. : 26.62 Gb

Space needed for Indexes : Initial : 1.49 Gb End : 26.41 Gb Max. : 26.41 Gb

Estimated Database Size Breakdown for : D00FDEV1

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb

End Size : 367.91 Mb

Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_CALIBRATIONS

Initial Size : 204.8 Kb

End Size : 409.6 Kb

Max. Size : 614.4 Kb

Rowsize: Start	End	Max	Rows/Block	Start	End	Minimum
451 b	451 b	691 b	3	3	3	2

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 204.8 Kb

Min. Extents : 1

Next Extents : 204.8 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 300

InitTrans : 1

Pct Free : 10

End Rows : 600

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
GAIN_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
PED_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
DRIFT_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
LAST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
COMMENTS		240	VARCHAR2	NULL	50	50	121	121	241
FIRST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
VERSION		38	NUMBER	NOT NULL	100	100	21	21	21
STATUS		240	VARCHAR2	NULL	50	50	121	121	241
CREATOR		50	VARCHAR2	NOT NULL	100	100	51	51	51
SMT_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CREATE_DATE			DATE	NOT NULL	100	100	8	8	8

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb End Size : 367.91 Mb Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_CHANNELS

Initial Size : 86.23 Mb End Size : 172.46 Mb Max. Size : 172.46 Mb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 88 b 88 b 88 b 19 19 19

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 86.23 Mb Min. Extents : 1

 Next Extents : 86.23 Mb Max. Extents : 2

Basis of Calculations

Start Rows : 800000 InitTrans : 1 Pct Free : 10

End Rows : 1600000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
CHANNEL_STATUS			INTEGER	NOT NULL	100	100	11	11	11
CHANNEL_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CAL_ID			INTEGER	NOT NULL	100	100	11	11	11
SVX_CHIP		38	NUMBER	NOT NULL	100	100	21	21	21
SVX_CHANNEL		38	NUMBER	NOT NULL	100	100	21	21	21

Table : SMT_CHANNEL_STATUSES

Initial Size : 4.1 Kb End Size : 4.1 Kb Max. Size : 4.1 Kb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 143 b 143 b 143 b 12 12 12

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 4.09 Kb Min. Extents : 1

 Next Extents : 4.09 Kb Max. Extents : 1

Basis of Calculations

Start Rows : 20 InitTrans : 1 Pct Free : 10

End Rows : 20 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
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Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb

End Size : 367.91 Mb

Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_CHANNEL_STATUSES

Initial Size : 4.1 Kb

End Size : 4.1 Kb

Max. Size : 4.1 Kb

Rowsizes: Start	End	Max	Rows/Block	Start	End	Minimum
143 b	143 b	143 b	12	12	12	

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 4.09 Kb

Min. Extents : 1

Next Extents : 4.09 Kb

Max. Extents : 1

Basis of Calculations

Start Rows : 20

InitTrans : 1

Pct Free : 10

End Rows : 20

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
CHANNEL_STATUS			INTEGER	NOT NULL	100	100	11	11	11
CHANNEL_STATUS_DES C		128	VARCHAR2	NOT NULL	100	100	129	129	129

Table : SMT_DET_REGIONS

Initial Size : 77.82 Kb

End Size : 153.6 Kb

Max. Size : 241.66 Kb

Rowsizes: Start

End

Max

Rows/Block

Start

End

Minimum

63 b

63 b

98 b

27

27

17

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 77.82 Kb

Min. Extents : 1

Next Extents : 77.82 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 1000

InitTrans : 1

Pct Free : 10

End Rows : 2000

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
REGION_ID		38	INTEGER	NOT NULL	100	100	21	21	21
LADDERWEDGE		38	INTEGER	NULL	50	50	11	11	21
BARRELSECTOR			INTEGER	NULL	50	50	6	6	11

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb

End Size : 367.91 Mb

Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_DET_REGIONS

Initial Size : 77.82 Kb

End Size : 153.6 Kb

Max. Size : 241.66 Kb

Rowsizes: Start	End	Max	Rows/Block	:Start	End	Minimum
63 b	63 b	98 b		27	27	17

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 77.82 Kb

Min. Extents : 1

Next Extents : 77.82 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 1000

InitTrans : 1

Pct Free : 10

End Rows : 2000

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
LAYERDISK		38	INTEGER	NULL	50	50	11	11	21
SIDE		38	INTEGER	NULL	50	50	11	11	21

Table : SMT_DRIFT_CALIBRATIONS

Initial Size : 153.6 Kb

End Size : 307.2 Kb

Max. Size : 614.4 Kb

Rowsizes: Start	End	Max	Rows/Block	:Start	End	Minimum
367 b	367 b	607 b		4	4	2

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 153.6 Kb

Min. Extents : 1

Next Extents : 153.6 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 300

InitTrans : 1

Pct Free : 10

End Rows : 600

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
FIRST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
DRIFT_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CREATOR		50	VARCHAR2	NOT NULL	100	100	51	51	51

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb

End Size : 367.91 Mb

Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_DRIFT_CALIBRATIONS

Initial Size : 153.6 Kb

End Size : 307.2 Kb

Max. Size : 614.4 Kb

Rowsizes: Start	End	Max	Rows/Block	Start	End	Minimum
367 b	367 b	607 b	4	4	4	2

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 153.6 Kb

Min. Extents : 1

Next Extents : 153.6 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 300

InitTrans : 1

Pct Free : 10

End Rows : 600

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
CREATE_DATE			DATE	NOT NULL	100	100	8	8	8
STATUS		240	VARCHAR2	NULL	50	50	121	121	241
COMMENTS		240	VARCHAR2	NULL	50	50	121	121	241
LAST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21

Table : SMT_DRIFT_COLLECTIONS

Initial Size : 4.51 Mb

End Size : 9.01 Mb

Max. Size : 9.01 Mb

Rowsizes: Start	End	Max	Rows/Block	Start	End	Minimum
66 b	66 b	66 b	25	25	25	25

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 4.5 Mb

Min. Extents : 1

Next Extents : 4.5 Mb

Max. Extents : 2

Basis of Calculations

Start Rows : 55000

InitTrans : 1

Pct Free : 10

End Rows : 110000

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
DRIFT_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb End Size : 367.91 Mb Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_DRIFT_COLLECTIONS

Initial Size : 4.51 Mb End Size : 9.01 Mb Max. Size : 9.01 Mb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 66 b 66 b 66 b 25 25 25

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 4.5 Mb Min. Extents : 1

 Next Extents : 4.5 Mb Max. Extents : 2

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10

End Rows : 110000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
REGION_ID		38	INTEGER	NOT NULL	100	100	21	21	21
DRIFT_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21

Table : SMT_DRIFT_SETS

Initial Size : 28.16 Mb End Size : 56.32 Mb Max. Size : 112.64 Mb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 388 b 388 b 628 b 4 4 2

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 28.16 Mb Min. Extents : 1

 Next Extents : 28.16 Mb Max. Extents : 2

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10

End Rows : 110000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
REGION_ID		38	INTEGER	NOT NULL	100	100	21	21	21
DRIFT_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21
COMMENTS		240	VARCHAR2	NULL	50	50	121	121	241

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb End Size : 367.91 Mb Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_DRIFT_SETS

Initial Size : 28.16 Mb End Size : 56.32 Mb Max. Size : 112.64 Mb
 Rowsizes: Start End Max Rows/Block : Start End Minimum
 388 b 388 b 628 b 4 4 2

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 28.16 Mb Min. Extents : 1
 Next Extents : 28.16 Mb Max. Extents : 2

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10
 End Rows : 110000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
STATUS		240	VARCHAR2	NULL	50	50	121	121	241
LAST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
FIRST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
CREATE_DATE			DATE	NOT NULL	100	100	8	8	8
CREATOR		50	VARCHAR2	NOT NULL	100	100	51	51	51

Table : SMT_GAIN_CALIBRATIONS

Initial Size : 153.6 Kb End Size : 307.2 Kb Max. Size : 614.4 Kb
 Rowsizes: Start End Max Rows/Block : Start End Minimum
 367 b 367 b 607 b 4 4 2

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 153.6 Kb Min. Extents : 1
 Next Extents : 153.6 Kb Max. Extents : 2

Basis of Calculations

Start Rows : 300 InitTrans : 1 Pct Free : 10
 End Rows : 600 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
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Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb

End Size : 367.91 Mb

Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_GAIN_CALIBRATIONS

Initial Size : 153.6 Kb

End Size : 307.2 Kb

Max. Size : 614.4 Kb

Rowsizes: Start	End	Max	Rows/Block	:Start	End	Minimum
367 b	367 b	607 b		4	4	2

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 153.6 Kb

Min. Extents : 1

Next Extents : 153.6 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 300

InitTrans : 1

Pct Free : 10

End Rows : 600

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
LAST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
COMMENTS		240	VARCHAR2	NULL	50	50	121	121	241
CREATOR		50	VARCHAR2	NOT NULL	100	100	51	51	51
GAIN_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CREATE_DATE			DATE	NOT NULL	100	100	8	8	8
STATUS		240	VARCHAR2	NULL	50	50	121	121	241
FIRST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21

Table : SMT_GAIN_COLLECTIONS

Initial Size : 3.76 Mb

End Size : 7.51 Mb

Max. Size : 7.51 Mb

Rowsizes: Start	End	Max	Rows/Block	:Start	End	Minimum
56 b	56 b	56 b		30	30	30

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 3.75 Mb

Min. Extents : 1

Next Extents : 3.75 Mb

Max. Extents : 2

Basis of Calculations

Start Rows : 55000

InitTrans : 1

Pct Free : 10

End Rows : 110000

Max. Trans

Pct Used

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb End Size : 367.91 Mb Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_GAIN_COLLECTIONS

Initial Size : 3.76 Mb End Size : 7.51 Mb Max. Size : 7.51 Mb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 56 b 56 b 56 b 30 30 30

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 3.75 Mb Min. Extents : 1

 Next Extents : 3.75 Mb Max. Extents : 2

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10

End Rows : 110000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
GAIN_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CAL_ID			INTEGER	NOT NULL	100	100	11	11	11
GAIN_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21

Table : SMT_GAIN_SETS

Initial Size : 28.16 Mb End Size : 56.32 Mb Max. Size : 112.64 Mb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 378 b 378 b 618 b 4 4 2

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 28.16 Mb Min. Extents : 1

 Next Extents : 28.16 Mb Max. Extents : 2

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10

End Rows : 110000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
GAIN_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21
COMMENTS		240	VARCHAR2	NULL	50	50	121	121	241

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb

End Size : 367.91 Mb

Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_HDIS

Initial Size : 40.96 Kb

End Size : 81.92 Kb

Max. Size : 114.69 Kb

Rowsize: Start	End	Max	Rows/Block	Start	End	Minimum
32 b	32 b	47 b		51	51	36

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 40.96 Kb

Min. Extents : 1

Next Extents : 40.96 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 1000

InitTrans : 1

Pct Free : 10

End Rows : 2000

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
CAL_ID			INTEGER	NOT NULL	100	100	11	11	11
LADDERWEDGE			INTEGER	NULL	50	50	6	6	11
BARRELSECTOR			INTEGER	NULL	50	50	6	6	11
LAYERDISK			INTEGER	NULL	50	50	6	6	11

Table : SMT_LOGS

Initial Size : 409.6 Kb

End Size : 819.2 Kb

Max. Size : 819.2 Kb

Rowsize: Start	End	Max	Rows/Block	Start	End	Minimum
346 b	346 b	346 b		5	5	5

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 409.6 Kb

Min. Extents : 1

Next Extents : 409.6 Kb

Max. Extents : 2

Basis of Calculations

Start Rows : 1000

InitTrans : 1

Pct Free : 10

End Rows : 2000

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
CREATOR		50	VARCHAR2	NOT NULL	100	100	51	51	51

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb End Size : 367.91 Mb Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_LOGS

Initial Size : 409.6 Kb End Size : 819.2 Kb Max. Size : 819.2 Kb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 346 b 346 b 346 b 5 5 5

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 409.6 Kb Min. Extents : 1

 Next Extents : 409.6 Kb Max. Extents : 2

Basis of Calculations

Start Rows : 1000 InitTrans : 1 Pct Free : 10

End Rows : 2000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
RUN_NUMBER		38	INTEGER	NOT NULL	100	100	21	21	21
CALIB_MODE		10	VARCHAR2	NOT NULL	100	100	11	11	11
STATUS		10	VARCHAR2	NOT NULL	100	100	11	11	11
ERROR_MESSAGE		240	VARCHAR2	NOT NULL	100	100	241	241	241
CREATE_DATE			DATE	NOT NULL	100	100	8	8	8

Table : SMT_PED_CALIBRATIONS

Initial Size : 153.6 Kb End Size : 307.2 Kb Max. Size : 614.4 Kb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 367 b 367 b 607 b 4 4 2

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 153.6 Kb Min. Extents : 1

 Next Extents : 153.6 Kb Max. Extents : 2

Basis of Calculations

Start Rows : 300 InitTrans : 1 Pct Free : 10

End Rows : 600 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
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Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb End Size : 367.91 Mb Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_PED_CALIBRATIONS

Initial Size : 153.6 Kb End Size : 307.2 Kb Max. Size : 614.4 Kb
 Rowsizes: Start End Max Rows/Block : Start End Minimum
 367 b 367 b 607 b 4 4 2

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 153.6 Kb Min. Extents : 1
 Next Extents : 153.6 Kb Max. Extents : 2

Basis of Calculations

Start Rows : 300 InitTrans : 1 Pct Free : 10
 End Rows : 600 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
FIRST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
LAST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
PED_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
COMMENTS		240	VARCHAR2	NULL	50	50	121	121	241
STATUS		240	VARCHAR2	NULL	50	50	121	121	241
CREATE_DATE			DATE	NOT NULL	100	100	8	8	8
CREATOR		50	VARCHAR2	NOT NULL	100	100	51	51	51

Table : SMT_PED_COLLECTIONS

Initial Size : 3.76 Mb End Size : 7.58 Mb Max. Size : 7.58 Mb
 Rowsizes: Start End Max Rows/Block : Start End Minimum
 56 b 56 b 56 b 30 30 30

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 3.75 Mb Min. Extents : 1
 Next Extents : 3.75 Mb Max. Extents : 3

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10
 End Rows : 111000 Max. Trans Pct Used

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb End Size : 367.91 Mb Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_PED_COLLECTIONS

Initial Size : 3.76 Mb End Size : 7.58 Mb Max. Size : 7.58 Mb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 56 b 56 b 56 b 30 30 30

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 3.75 Mb Min. Extents : 1

 Next Extents : 3.75 Mb Max. Extents : 3

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10

End Rows : 111000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
PED_CALIB_ID		38	INTEGER	NOT NULL	100	100	21	21	21
PED_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CAL_ID			INTEGER	NOT NULL	100	100	11	11	11

Table : SMT_PED_SETS

Initial Size : 28.16 Mb End Size : 56.32 Mb Max. Size : 112.64 Mb

Rowsizes: Start End Max Rows/Block : Start End Minimum

 378 b 378 b 618 b 4 4 2

Suggested Storage Parameters

Pct Increase : 0 Initial Extents : 28.16 Mb Min. Extents : 1

 Next Extents : 28.16 Mb Max. Extents : 2

Basis of Calculations

Start Rows : 55000 InitTrans : 1 Pct Free : 10

End Rows : 110000 Max. Trans Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
CAL_ID			INTEGER	NOT NULL	100	100	11	11	11
PED_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21

Tablespace : SMT_CALIB_DATA

Initial Size : 183.93 Mb

End Size : 367.91 Mb

Max. Size : 538.12 Mb

Database User : SMT_CALIB

Table : SMT_PED_SETS

Initial Size : 28.16 Mb

End Size : 56.32 Mb

Max. Size : 112.64 Mb

Row sizes: Start	End	Max	Rows/Block	Start	End	Minimum
378 b	378 b	618 b	4	4	4	2

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 28.16 Mb

Min. Extents : 1

Next Extents : 28.16 Mb

Max. Extents : 2

Basis of Calculations

Start Rows : 55000

InitTrans : 1

Pct Free : 10

End Rows : 110000

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
FIRST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
LAST_RUN		38	INTEGER	NOT NULL	100	100	21	21	21
COMMENTS		240	VARCHAR2	NULL	50	50	121	121	241
STATUS		240	VARCHAR2	NULL	50	50	121	121	241
CREATE_DATE			DATE	NOT NULL	100	100	8	8	8
CREATOR		50	VARCHAR2	NOT NULL	100	100	51	51	51

Tablespace : SMT_CALIB_DATA_DRIFTS

Initial Size : 120.83 Kb End Size : 12.05 Mb Max. Size : 12.05 Mb

Database User : SMT_CALIB

Table : SMT_DRIFTS

Initial Size : 120.83 Kb End Size : 12.05 Mb Max. Size : 12.05 Mb

Rowsize: Start	End	Max	Rows/Block	:Start	End	Minimum
98 b	98 b	98 b	17	17	17	

Suggested Storage Parameters

Pct Increase : 0	Initial Extents : 120.83 Kb	Min. Extents : 1
	Next Extents : 120.83 Kb	Max. Extents : 100

Basis of Calculations

Start Rows : 1000	InitTrans : 1	Pct Free : 10
End Rows : 100000	Max. Trans	Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
VALUE			NUMBER	NOT NULL	100	100	11	11	11
DRIFT_ID		38	NUMBER	NOT NULL	100	100	21	21	21
REGION_ID		38	INTEGER	NOT NULL	100	100	21	21	21
DRIFT_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21
REGION_ID_BELONG_T O		38	INTEGER	NOT NULL	100	100	21	21	21

Tablespace : SMT_CALIB_DATA_GAINS

Initial Size : 614.4 Mb End Size : 12.29 Gb Max. Size : 12.29 Gb

Database User : SMT_CALIB

Table : SMT_GAINS

Initial Size : 614.4 Mb End Size : 12.29 Gb Max. Size : 12.29 Gb

Rowsize: Start	End	Max	Rows/Block	Start	End	Minimum
110 b	110 b	110 b	15	15	15	

Suggested Storage Parameters

Pct Increase : 0	Initial Extents : 614.4 Mb	Min. Extents : 1
	Next Extents : 614.4 Mb	Max. Extents : 20

Basis of Calculations

Start Rows : 4500000	InitTrans : 1	Pct Free : 10
End Rows : 90000000	Max. Trans	Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
GAIN_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CAL_ID			INTEGER	NOT NULL	100	100	11	11	11
CHANNEL_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CAL_ID_BELONG_TO			INTEGER	NOT NULL	100	100	11	11	11
VALUE			NUMBER	NOT NULL	100	100	11	11	11
GAIN_ID		38	NUMBER	NOT NULL	100	100	21	21	21
SIGMA			NUMBER	NOT NULL	100	100	11	11	11

Tablespace : SMT_CALIB_DATA_PEDS

Initial Size : 614.4 Mb End Size : 12.29 Gb Max. Size : 12.29 Gb

Database User : SMT_CALIB

Table : SMT_PEDESTALS

Initial Size : 614.4 Mb End Size : 12.29 Gb Max. Size : 12.29 Gb

Rowsize: Start	End	Max	Rows/Block	Start	End	Minimum
110 b	110 b	110 b	15	15	15	

Suggested Storage Parameters

Pct Increase : 0	Initial Extents : 614.4 Mb	Min. Extents : 1
	Next Extents : 614.4 Mb	Max. Extents : 20

Basis of Calculations

Start Rows : 4500000	InitTrans : 1	Pct Free : 10
End Rows : 90000000	Max. Trans	Pct Used

<u>Column</u>	<u>Avg. Length</u>	<u>Max. Length</u>	<u>Datatype</u>	<u>Null</u>	<u>Init Pct Used</u>	<u>End Pct Used</u>	<u>Start Bytes</u>	<u>End Bytes</u>	<u>Max Bytes</u>
PED_SET_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CAL_ID			INTEGER	NOT NULL	100	100	11	11	11
CHANNEL_ID		38	INTEGER	NOT NULL	100	100	21	21	21
CAL_ID_BELONG_TO			INTEGER	NOT NULL	100	100	11	11	11
PED_ID		38	INTEGER	NOT NULL	100	100	21	21	21
VALUE			NUMBER	NOT NULL	100	100	11	11	11
SIGMA			NUMBER	NOT NULL	100	100	11	11	11

Tablespace : SMT_CALIB_DATA_STAGED

Initial Size : 148.95 Mb

End Size : 1.49 Gb

Max. Size : 1.49 Gb

Database User : SMT_CALIB

Table : SMT_STAGED_PEDESTALS

Initial Size : 74.47 Mb

End Size : 744.73 Mb

Max. Size : 744.73 Mb

Rowsizes: Start	End	Max	Rows/Block	Start	End	Minimum
78 b	78 b	78 b	22	22	22	22

Suggested Storage Parameters

Pct Increase : 0

Initial Extents : 74.47 Mb

Min. Extents : 1

Next Extents : 74.47 Mb

Max. Extents : 10

Basis of Calculations

Start Rows : 800000

InitTrans : 1

Pct Free : 10

End Rows : 8000000

Max. Trans

Pct Used

Column	Avg. Length	Max. Length	Datatype	Null	Init Pct Used	End Pct Used	Start Bytes	End Bytes	Max Bytes
CHANNEL_ID		38	INTEGER	NOT NULL	100	100	21	21	21
RUN_NUMBER		38	INTEGER	NOT NULL	100	100	21	21	21
PEDESTAL			NUMBER	NOT NULL	100	100	11	11	11
PEDESTAL_ERROR			NUMBER	NOT NULL	100	100	11	11	11
ERROR_FLAG			INTEGER	NOT NULL	100	100	11	11	11

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SCHA_SCS_FK_I on table : SMT_CHANNELS

Initial Size : 19.33 Mb End Size : 38.66 Mb Max. Size:38.66 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 19.33 Mb Min. Extents : 1

 Next Extents : 19.33 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CHANNEL_STATUS

Key : SCHA_SH_FK_I on table : SMT_CHANNELS

Initial Size : 19.33 Mb End Size : 38.66 Mb Max. Size:38.66 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 19.33 Mb Min. Extents : 1

 Next Extents : 19.33 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CAL_ID

Key : SC_SDC_FK_I on table : SMT_CALIBRATIONS

Initial Size : 12.29 Kb End Size : 22.53 Kb Max. Size:22.53 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 12.29 Kb Min. Extents : 1

 Next Extents : 12.29 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

DRIFT_CALIB_ID

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SC_SGC_FK_I on table : SMT_CALIBRATIONS

Initial Size : 12.29 Kb End Size : 22.53 Kb Max. Size:22.53 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 12.29 Kb Min. Extents : 1

 Next Extents : 12.29 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

GAIN_CALIB_ID

Key : SC_SPC_FK_I on table : SMT_CALIBRATIONS

Initial Size : 12.29 Kb End Size : 22.53 Kb Max. Size:22.53 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 12.29 Kb Min. Extents : 1

 Next Extents : 12.29 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

PED_CALIB_ID

Key : SDCO_SDC_FK_I on table : SMT_DRIFT_COLLECTIONS

Initial Size : 2.04 Mb End Size : 4.08 Mb Max. Size:4.08 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.04 Mb Min. Extents : 1

 Next Extents : 2.04 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

DRIFT_CALIB_ID

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SDCO_SDS_FK_I on table : SMT_DRIFT_COLLECTIONS

Initial Size : 3.48 Mb End Size : 6.96 Mb Max. Size:6.96 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 3.48 Mb Min. Extents : 1

 Next Extents : 3.48 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

REGION_ID

DRIFT_SET_ID

Key : SDS_SDR_FK_I on table : SMT_DRIFT_SETS

Initial Size : 2.04 Mb End Size : 4.08 Mb Max. Size:4.08 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.04 Mb Min. Extents : 1

 Next Extents : 2.04 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

REGION_ID

Key : SGCO_SGC_FK_I on table : SMT_GAIN_COLLECTIONS

Initial Size : 2.04 Mb End Size : 4.08 Mb Max. Size:4.08 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.04 Mb Min. Extents : 1

 Next Extents : 2.04 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SGCO_SGC_FK_I on table : SMT_GAIN_COLLECTIONS

Initial Size : 2.04 Mb End Size : 4.08 Mb Max. Size:4.08 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.04 Mb Min. Extents : 1

Next Extents : 2.04 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

GAIN_CALIB_ID

Key : SGCO_SGS_FK_I on table : SMT_GAIN_COLLECTIONS

Initial Size : 2.82 Mb End Size : 5.63 Mb Max. Size:5.63 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.82 Mb Min. Extents : 1

Next Extents : 2.82 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

GAIN_SET_ID

CAL_ID

Key : SGS_SH_FK_I on table : SMT_GAIN_SETS

Initial Size : 1.33 Mb End Size : 2.66 Mb Max. Size:2.66 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 1.33 Mb Min. Extents : 1

Next Extents : 1.33 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SGS_SH_FK_I on table : SMT_GAIN_SETS

Initial Size : 1.33 Mb End Size : 2.66 Mb Max. Size:2.66 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 1.33 Mb Min. Extents : 1

Next Extents : 1.33 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CAL_ID

Key : SPCO_SPC_FK_I on table : SMT_PED_COLLECTIONS

Initial Size : 2.04 Mb End Size : 4.12 Mb Max. Size:4.12 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.04 Mb Min. Extents : 1

Next Extents : 2.04 Mb Max. Extents : 3

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

PED_CALIB_ID

Key : SPCO_SPS_FK_I on table : SMT_PED_COLLECTIONS

Initial Size : 2.82 Mb End Size : 5.68 Mb Max. Size:5.68 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.82 Mb Min. Extents : 1

Next Extents : 2.82 Mb Max. Extents : 3

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

PED_SET_ID

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SPCO_SPS_FK_I on table : SMT_PED_COLLECTIONS

Initial Size : 2.82 Mb End Size : 5.68 Mb Max. Size:5.68 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.82 Mb Min. Extents : 1

Next Extents : 2.82 Mb Max. Extents : 3

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CAL_ID

Key : SPS_SH_FK_I on table : SMT_PED_SETS

Initial Size : 1.33 Mb End Size : 2.66 Mb Max. Size:2.66 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 1.33 Mb Min. Extents : 1

Next Extents : 1.33 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CAL_ID

Key : SCHA_PK on table : SMT_CHANNELS

Initial Size : 40.96 Mb End Size : 81.92 Mb Max. Size:81.92 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 40.96 Mb Min. Extents : 1

Next Extents : 40.96 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CHANNEL_ID

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SDCO_PK on table : SMT_DRIFT_COLLECTIONS

Initial Size : 5.14 Mb End Size : 10.29 Mb Max. Size:10.29 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 5.14 Mb Min. Extents : 1

Next Extents : 5.14 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

DRIFT_CALIB_ID

DRIFT_SET_ID

REGION_ID

Key : SDC_PK on table : SMT_DRIFT_CALIBRATIONS

Initial Size : 12.29 Kb End Size : 22.53 Kb Max. Size:22.53 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 12.29 Kb Min. Extents : 1

Next Extents : 12.29 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

DRIFT_CALIB_ID

Key : SDR_PK on table : SMT_DET_REGIONS

Initial Size : 38.91 Kb End Size : 75.78 Kb Max. Size:75.78 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 38.91 Kb Min. Extents : 1

Next Extents : 38.91 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SDR_PK on table : SMT_DET_REGIONS

Initial Size : 38.91 Kb End Size : 75.78 Kb Max. Size:75.78 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 38.91 Kb Min. Extents : 1

 Next Extents : 38.91 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

REGION_ID

Key : SDS_PK on table : SMT_DRIFT_SETS

Initial Size : 3.48 Mb End Size : 6.96 Mb Max. Size:6.96 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 3.48 Mb Min. Extents : 1

 Next Extents : 3.48 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

REGION_ID

DRIFT_SET_ID

Key : SGCO_PK on table : SMT_GAIN_COLLECTIONS

Initial Size : 4.38 Mb End Size : 8.76 Mb Max. Size:8.76 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 4.38 Mb Min. Extents : 1

 Next Extents : 4.38 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SGCO_PK on table : SMT_GAIN_COLLECTIONS

Initial Size : 4.38 Mb End Size : 8.76 Mb Max. Size:8.76 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 4.38 Mb Min. Extents : 1

 Next Extents : 4.38 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

GAIN_CALIB_ID

CAL_ID

GAIN_SET_ID

Key : SGC_PK on table : SMT_GAIN_CALIBRATIONS

Initial Size : 12.29 Kb End Size : 22.53 Kb Max. Size:22.53 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 12.29 Kb Min. Extents : 1

 Next Extents : 12.29 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

GAIN_CALIB_ID

Key : SGS_PK on table : SMT_GAIN_SETS

Initial Size : 2.82 Mb End Size : 5.63 Mb Max. Size:5.63 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.82 Mb Min. Extents : 1

 Next Extents : 2.82 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SGS_PK on table : SMT_GAIN_SETS

Initial Size : 2.82 Mb End Size : 5.63 Mb Max. Size:5.63 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.82 Mb Min. Extents : 1

Next Extents : 2.82 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

GAIN_SET_ID

CAL_ID

Key : SH_PK on table : SMT_HDIS

Initial Size : 24.58 Kb End Size : 49.15 Kb Max. Size:49.15 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 24.58 Kb Min. Extents : 1

Next Extents : 24.58 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CAL_ID

Key : SL_PK on table : SMT_LOGS

Initial Size : 51.2 Kb End Size : 102.4 Kb Max. Size:102.4 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 51.2 Kb Min. Extents : 1

Next Extents : 51.2 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SL_PK on table : SMT_LOGS

Initial Size : 51.2 Kb End Size : 102.4 Kb Max. Size:102.4 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 51.2 Kb Min. Extents : 1

 Next Extents : 51.2 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

RUN_NUMBER

CALIB_MODE

Key : SPCO_PK on table : SMT_PED_COLLECTIONS

Initial Size : 4.38 Mb End Size : 8.84 Mb Max. Size:8.84 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 4.38 Mb Min. Extents : 1

 Next Extents : 4.38 Mb Max. Extents : 3

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

PED_CALIB_ID

PED_SET_ID

CAL_ID

Key : SPC_PK on table : SMT_PED_CALIBRATIONS

Initial Size : 12.29 Kb End Size : 22.53 Kb Max. Size:22.53 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 12.29 Kb Min. Extents : 1

 Next Extents : 12.29 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SPC_PK on table : SMT_PED_CALIBRATIONS

Initial Size : 12.29 Kb End Size : 22.53 Kb Max. Size:22.53 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 12.29 Kb Min. Extents : 1

 Next Extents : 12.29 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

PED_CALIB_ID

Key : SPS_PK on table : SMT_PED_SETS

Initial Size : 2.82 Mb End Size : 5.63 Mb Max. Size:5.63 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 2.82 Mb Min. Extents : 1

 Next Extents : 2.82 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

PED_SET_ID

CAL_ID

Key : SC_SC_UK on table : SMT_CALIBRATIONS

Initial Size : 28.67 Kb End Size : 57.34 Kb Max. Size:57.34 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 28.67 Kb Min. Extents : 1

 Next Extents : 28.67 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SC_SC_UK on table : SMT_CALIBRATIONS

Initial Size : 28.67 Kb End Size : 57.34 Kb Max. Size:57.34 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 28.67 Kb Min. Extents : 1

 Next Extents : 28.67 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

VERSION

FIRST_RUN

LAST_RUN

Key : SDC_SDC_UK_UK on table : SMT_DRIFT_CALIBRATIONS

Initial Size : 20.48 Kb End Size : 38.91 Kb Max. Size:38.91 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 20.48 Kb Min. Extents : 1

 Next Extents : 20.48 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

FIRST_RUN

LAST_RUN

Key : SDS_SDS_UK on table : SMT_DRIFT_SETS

Initial Size : 5.14 Mb End Size : 10.29 Mb Max. Size:10.29 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 5.14 Mb Min. Extents : 1

 Next Extents : 5.14 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SDS_SDS_UK on table : SMT_DRIFT_SETS

Initial Size : 5.14 Mb End Size : 10.29 Mb Max. Size:10.29 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 5.14 Mb Min. Extents : 1

 Next Extents : 5.14 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

REGION_ID

FIRST_RUN

LAST_RUN

Key : SGC_SGC_UK_UK on table : SMT_GAIN_CALIBRATIONS

Initial Size : 20.48 Kb End Size : 38.91 Kb Max. Size:38.91 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 20.48 Kb Min. Extents : 1

 Next Extents : 20.48 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

FIRST_RUN

LAST_RUN

Key : SGS_SGS_UK_UK on table : SMT_GAIN_SETS

Initial Size : 4.38 Mb End Size : 8.76 Mb Max. Size:8.76 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 4.38 Mb Min. Extents : 1

 Next Extents : 4.38 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SGS_SGS_UK_UK on table : SMT_GAIN_SETS

Initial Size : 4.38 Mb End Size : 8.76 Mb Max. Size:8.76 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 4.38 Mb Min. Extents : 1

 Next Extents : 4.38 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

FIRST_RUN

LAST_RUN

CAL_ID

Key : SPC_SPC_UK_UK on table : SMT_PED_CALIBRATIONS

Initial Size : 20.48 Kb End Size : 38.91 Kb Max. Size:38.91 Kb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 20.48 Kb Min. Extents : 1

 Next Extents : 20.48 Kb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

FIRST_RUN

LAST_RUN

Key : SPS_SPS_UK on table : SMT_PED_SETS

Initial Size : 4.38 Mb End Size : 8.76 Mb Max. Size:8.76 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 4.38 Mb Min. Extents : 1

 Next Extents : 4.38 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Tablespace : SMT_CALIB_IDX

Initial Size : 136.77 Mb End Size : 273.67 Mb Max. Size : 273.67 Mb

Key : SPS_SPS_UK on table : SMT_PED_SETS

Initial Size : 4.38 Mb End Size : 8.76 Mb Max. Size:8.76 Mb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 4.38 Mb Min. Extents : 1

 Next Extents : 4.38 Mb Max. Extents : 2

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

FIRST_RUN

LAST_RUN

CAL_ID

Tablespace : SMT_CALIB_IDX_DRIFTS

Initial Size : 4.1 Kb End Size : 4.1 Kb Max. Size : 4.1 Kb

Tablespace : SMT_CALIB_IDX_GAINS

Initial Size : 627.64 Mb End Size : 12.55 Gb Max. Size : 12.55 Gb

Key : SG_SCHA_FK_I on table : SMT_GAINS

Initial Size : 230.4 Mb End Size : 4.61 Gb Max. Size:4.61 Gb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 230.4 Mb Min. Extents : 1
Next Extents : 230.4 Mb Max. Extents : 20

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

CHANNEL_ID

CAL_ID_BELONG_T
0

Key : SG_SGS_FK_I on table : SMT_GAINS

Initial Size : 230.4 Mb End Size : 4.61 Gb Max. Size:4.61 Gb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 230.4 Mb Min. Extents : 1
Next Extents : 230.4 Mb Max. Extents : 20

Basis of Calculations

InitTrans : 2 Pct Free : 10

Column

GAIN_SET_ID

CAL_ID

Key : SG_PK on table : SMT_GAINS

Initial Size : 166.84 Mb End Size : 3.34 Gb Max. Size:3.34 Gb

Suggested Storage Parameters

Pctincrease : 0 Initial Extents : 166.84 Mb Min. Extents : 1
Next Extents : 166.84 Mb Max. Extents : 20

Basis of Calculations

InitTrans : 2 Pct Free : 10

The quality check has revealed following problems which may lead to inaccurate sizing of the database

Tables/Keys with no Columns

Tables with no Indexes/Primary or Unique keys

Objects which have been included in the estimates, but which have create status of N

Tables with 0 start or end rows

Tables/Indexes/Keys with unusually high initial transaction values

Designer/2000

Database Table and Index Size Estimate

End of Report